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AUG 16 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 9, 11, 20, 22, 37-40, 43 and 45 without prejudice.

Please amend claims 1, 6-8, 10, 12, 17-19, 21, 23, 25, 27-31, 36, 41, 42 and 44 as indicated below (material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]]):

Listing of Claims:

1. (Currently Amended) A fluid ejection device, comprising:

a die including a plurality of nozzles variously configured according to a predetermined intended distribution, **the plurality of nozzles having a target mean drop volume and an actual mean drop volume**; and

a controller configured to set [[a]] **the actual** mean drop volume provided by the plurality of nozzles **to the target mean drop volume** by selectively firing selected nozzles.

2. (Withdrawn) The fluid ejection device of claim 1, wherein the predetermined intended distribution is characterized by a random distribution of nozzle sizes.

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3. (Withdrawn) The fluid ejection device of claim 1, wherein the predetermined intended distribution is based on a uniform distribution of nozzle sizes.

4. (Original) The fluid ejection device of claim 1, wherein the predetermined intended distribution is based on a normal distribution of nozzle sizes.

5. (Withdrawn) The fluid ejection device of claim 1, wherein the predetermined intended distribution is based on a binary distribution of nozzle sizes.

6. (Currently Amended) The fluid ejection device of claim 1, wherein a subset of the nozzles are sized larger than others of the plurality of nozzles, and wherein the controller ~~[[sets]]~~ **decreases** the **actual** mean drop volume to ~~a low~~ **the target** mean drop volume by selectively firing nozzles of the subset.

7. (Currently Amended) The fluid ejection device of claim 1, wherein a subset of the nozzles are sized smaller than other of the plurality of nozzles, and wherein the controller ~~[[sets]]~~ **increases** the **actual** mean drop volume to ~~a high~~ **the target** mean drop volume by selectively firing nozzles of the subset.

8. (Currently Amended) The fluid ejection device of claim 1, wherein the controller is configured to set the **actual** mean drop volume of the die **to the target mean drop volume** by selectively firing **some nozzles of** a subset of commonly sized nozzles.

9. (Cancelled)

10. (Currently Amended) The fluid ejection device of claim ~~[[9]]~~ **1**, wherein the plurality of nozzles are arranged on the die so that large nozzles are pseudorandomly intermixed with small nozzles.

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11. (Cancelled)

12. (Currently Amended) A fluid ejection system, comprising:

a die including a plurality of nozzles variously configured according to a predetermined intended distribution, the plurality of nozzles having a target mean drop volume and an actual mean drop volume; and

a control system configured to set ~~[[a]]~~ the actual mean drop volume provided by the plurality of nozzles to the target mean drop volume by selectively firing selected nozzles.

13. (Withdrawn) The fluid ejection system of claim 12, wherein the predetermined intended distribution is characterized by a random distribution of nozzle sizes.

14. (Withdrawn) The fluid ejection system of claim 12, wherein the predetermined intended distribution is based on a uniform distribution of nozzle sizes.

15. (Original) The fluid ejection system of claim 12, wherein the predetermined intended distribution is based on a normal distribution of nozzle sizes.

16. (Withdrawn) The fluid ejection system of claim 12, wherein the predetermined intended distribution is based on a binary distribution of nozzle sizes.

17. (Currently Amended) The fluid ejection system of claim 12, wherein a subset of the nozzles are sized larger than others of the plurality of nozzles, and wherein the control system ~~[[sets]]~~ decreases the actual mean drop volume to ~~a low~~ the target mean drop volume by selectively firing nozzles of the subset.

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18. (Currently Amended) The fluid ejection system of claim 12, wherein a subset of the nozzles are sized smaller than other of the plurality of nozzles, and wherein the control system ~~[[sets]]~~ **increases** the **actual** mean drop volume to ~~a high~~ **the target** mean drop volume by selectively firing nozzles of the subset.

19. (Currently Amended) The fluid ejection system of claim 12, wherein the control system is configured to set the **actual** mean drop volume of the die **to the target mean drop volume** by selectively firing **some nozzles of** a subset of commonly sized nozzles.

20. (Cancelled)

21. (Currently Amended) The fluid ejection system of claim ~~[[20]]~~ **12**, wherein the plurality of nozzles are arranged on the die so that large nozzles are pseudorandomly intermixed with small nozzles.

22. (Cancelled)

23. (Currently Amended) A fluid ejection device, comprising:

a die including a plurality of nozzles configured with various intended sizes, wherein the intended size of each nozzle is selected according to a predetermined intended distribution that defines at least a boundary interval of intended nozzle sizes and a probability distribution of intended nozzle sizes, **the plurality of nozzles having a target mean drop volume and an actual mean drop volume;** and

a control system configured to set ~~[[a]]~~ **the actual** mean drop volume of the die **to the target mean drop volume** by selectively firing selected nozzles of the die.

24. (Withdrawn) The fluid ejection device of claim 23, wherein the predetermined intended distribution defines a uniform probability distribution of intended nozzle sizes.

25. (Currently Amended) The fluid ejection device of claim 23, wherein the predetermined intended distribution ~~defines a~~ is based on a normal probability distribution of intended nozzle sizes.

26. (Withdrawn) The fluid ejection device of claim 23, wherein the predetermined intended distribution defines a binary probability distribution of intended nozzle sizes.

27. (Currently Amended) The fluid ejection device of claim 23, wherein the boundary interval includes a subinterval of large intended nozzle sizes, and wherein the control system ~~[[sets]]~~ decreases the actual mean drop volume to ~~a low~~ the target mean drop volume by selectively firing nozzles sized in the subinterval of large intended nozzle sizes.

28. (Currently Amended) The fluid ejection device of claim 23, wherein the boundary interval includes a subinterval of small intended nozzle sizes, and wherein the control system ~~[[sets]]~~ increases the actual mean drop volume to ~~a high~~ the target mean drop volume by selectively firing nozzles sized in the subinterval of small intended nozzle sizes.

29. (Currently Amended) The fluid ejection device of claim 23, wherein the control system is configured to set the actual mean drop volume of the die to the target mean drop volume by selectively firing nozzles in a subinterval of intended nozzle sizes.

30. (Currently Amended) The fluid ejection device of claim ~~[[24]]~~ 23, wherein the plurality of nozzles are arranged on the die so that nozzles having large intended sizes are intermixed with nozzles having small intended sizes.

31. (Currently Amended) A fluid ejection device, comprising:

a die including a plurality of nozzles configured to eject printing fluid, wherein an intended drop volume of printing fluid ejected from each nozzle is derived from a predetermined intended distribution, the plurality of nozzles having a target mean drop volume and an actual mean drop volume; and

a control system configured to set ~~[[a]]~~ the target mean drop volume of the die to the target mean drop volume by selectively firing selected nozzles of the die.

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Currently Amended) A printhead die, comprising:
a first group of nozzles having a first nozzle size; and
a second group of nozzles having a second nozzle size different than the first nozzle size,

wherein a number of the first group of nozzles and the second group of nozzles are determined according to a predetermined intended distribution, the predetermined intended distribution being based on a normal distribution.

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)

40. (Cancelled)

41. (Currently Amended) The printhead die of claim [[37]] 36, further comprising a third group of nozzles having a third nozzle size different than both the first and second nozzle size and wherein a number of the third group of nozzles is determined according to the predetermined intended distribution.

42. (Currently Amended) The printhead die of claim [[37]] 36, wherein a location of each of the first group of nozzles and each of the second group of nozzles is determined based upon the predetermined intended distribution.

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43. (Cancelled)

44. (Currently Amended) The printhead die of claim ~~[[37]]~~ 36, wherein the location of the first group of nozzles and the second group of nozzles are arranged to be pseudorandomly intermixed.

45. (Cancelled)

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